

# The $Tl^{2+}$ paramagnetic defects dynamics in $K_2SeO_4$ crystals

Mamin G., Efimov V.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

## Abstract

The anomalous temperature dependences of EPR spectrum of  $Tl^{2+}$  ions in  $K_2SeO_4$  crystals were studied. These anomalies are produced by the  $Tl^{2+}$  noncentral motion. The character of interaction between noncentral defects and the incommensurate wave was defined.

---

## Keywords

Electron paramagnetic resonance, Ferroelectrics, Incommensurate phase,  $K_2SeO_4$ , Noncentral ion